



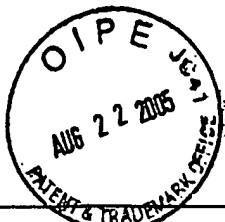
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE										ATTY. DOCKET NO. S00-226/US		SERIAL NO. 10/016,661			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT Remis Balaniuk et al.					
										FILING DATE 10/29/2001		GROUP 2672			
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
KK	A	5	8	7	7	7	7	7	3/2/99	Colwell	345	473	4/7/97		
KK	B	6	2	5	9	4	5	3	7/10/01	Itoh et al.	345	423	10/13/98		
KK	C	6	2	9	5	4	6	4	9/25/01	Metaxas	600	407			
	D														
	E														
	F														
	G														
	H														
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							ISSUE DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
	I														
	J														
	K														
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
KK	L	Gacin S. P. Miller; "The motion dynamics of snakes and worms;" Computer Graphics, Volume 22, Number 4, August 1988													
KK	M	Moten Bro-Nielsen et al., "Real-time volumetric deformable models for surgery simulation using finite elements and condensation;" Eurographics'96/J. Rossignac and F. Sillion, Volume 15, 1996, Number 3													
KK	N	William R. Mark et al.; "Adding force feedback to graphics systems: issues and solutions;" Computer Graphics Proceedings, Annual Conference Series, 1996													
KK	O	Yan Zhuang et al., "Haptic interaction with global deformations;" Proceedings of the 2000 IEEE, International Conference on Robotics & Automation, San Francisco, CA , April, 2000													
KK	P	Murat Cenk Cavusoglu et al., "A laparoscopic telesurgical workstation;" IEEE, Transactions Conference on Robotics & Automation, Vol. 15, No. 4, August 1999													
KK	Q	V. Vuskovic et al.; "Realistic force feedback for virtual reality based diagnostic surgery simulators;" Proceedings of the 2000 IEEE, International Conference on Robotics & Automation, San Francisco, CA , April, 2000													
KK	R	Michael Downes et al.; "Virtual environments for training critical skills in laparoscopic surgery;" Medicine Meets Virtual Reality, IOS Press and Ohmsha, 1998													



Diego d'AULIGIO et al.; "A haptic interface for a virtual gram of the human thigh;" Proceedings of the 2000 IEEE, International Conference on Robotics & Automation, San Francisco, CA , April, 2000	
Stephane Cotin et al.; "Real-time elastic deformations of soft tissues for surgery simulation;" IEEE Transaction on Visualization and Computer Graphics, Vol. 5, No. 1, January-March 1999	
M. Bro-Nielsen et al.; "Real-time volumetric deformable models for surgery simulation using finite elements and condensation;" In Proceedings of Eurographics '96, Computer Graphics forum, pages 57-66, 1996	
EXAMINER ^{KK} <i>Kibrom Kidane</i> <i>10/31/2005</i>	DATE CONSIDERED <i>10/31/2005</i>
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE				ATTY. DOCKET NO. S00-226/US		SERIAL NO. 10/016,661					
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Remis Balaniuk et al.							
				FILING DATE 10/29/2001		GROUP 2672					
U.S. PATENT DOCUMENTS											
EXAMINER INITIAL		DOCUMENT NUMBER		DATE		NAME		RELEVANT INFORMATION			
FOREIGN PATENT DOCUMENTS											
		2- letter code		DOCUMENT NUMBER		DATE		COUNTRY		TRANSLATION	
										YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
Kk		A		LEM - An approach for physically based soft tissue simulation suitable for haptic interaction Conference Paper, Fifth PHANTOM Users Group Workshop ^ PUG00 Aspen, USA, October 2000. http://www.cs.sandia.gov/SEL/conference/pug00/papers.htm							
Kk		B		Static Solution for Real Time Deformable Objects with Fluid Inside Costa, Ivan and Balaniuk, Remis ERCIM News No.44 - January 2001 http://www.ercim.org/publication/Ercim_News/enw44/costa.html							
EXAMINER <i>Kibrom Kidone</i>				DATE CONSIDERED <i>10/31/2005</i>							
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE					ATTY. DOCKET NO. S00-226/US		SERIAL NO. 10/016,661			
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Remis Balaniuk et al.					
					FILING DATE 10/29/2001		GROUP 2672			
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER			DATE		NAME		RELEVANT INFORMATION	
FOREIGN PATENT DOCUMENTS										
		2- letter code	DOCUMENT NUMBER		DATE		COUNTRY		TRANSLATION	
									YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
KK		A	LEM - An approach for physically based soft tissue simulation suitable for haptic interaction Conference Paper, Fifth PHANTOM Users Group Workshop - PUG00 Aspen, USA, October 2000. http://www.cs.sandia.gov/SEL/conference/pug00/papers.htm							
KQ		B	Static Solution for Real Time Deformable Objects with Fluid Inside Costa, Ivan and Balaniuk, Remis ERCIM News No.44 - January 2001 http://www.ercim.org/publication/Ercim_News/enw44/costa.html							
EXAMINER Kibrom Kidane					DATE CONSIDERED 10/31/2005					
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										